## When damage from high power transients is not an option



discretes do matter<sup>™</sup> over 47 years of innovative solutions

# Protect your designs with high power transient voltage suppressors

CAK3-012C Series: 3kA | 12V-380V CAK6-042C Series: 6kA | 42V-240V

The CAK3 & CAK6 series transient voltage suppressors (TVS) are bi-directional glass passivated junction devices, designed to protect voltage-sensitive components from high energy transients most directly associated with lightning strikes and inductive load switching. These highly energy efficient devices also feature a tight clamping ratio ( $V_C/V_{RWM}$ ) to ensure fast and precise protection of sensitive electronics, and have no inherent wear-out mechanism, common with metal oxide varistor (MOV) type components.

#### Features

- Bi-directional TVS
- Wide voltage range
- ESD protection of data lines in accordance with IEC 61000-4-2
- RoHS and REACH compliant
- Halogen free

- Applications
  - High power AC/DC line surge protection
- 5G telecom systems

#### **Benefits**

- Energy efficiency
- Glass passivated chip for optimum reliability
- Very low clamping voltage (as low as 28V)

### Learn more online at: www.centralsemi.com/featured-products/34

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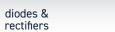
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